



DOWAKSA CarbonWrap®

CASE STUDY

PHOENICIAN RESORT
SCOTTSDALE, ARIZONA

REPAIRING CONCRETE COLUMNS IN PARKING GARAGES

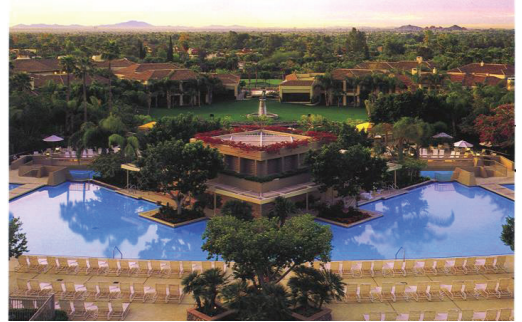
Problem

The Phoenician Resort is a luxurious vacation property with a large on-site parking garage for its guests. Over time, the garage's columns were damaged due to impact from cars and exposure to the climate. The damage to the columns was evident by the cracks on the concrete surface.

Solution

A possible repair would be to use steel jackets to strengthen the concrete columns. This would be both expensive and time consuming. In addition, the steel jackets would require grouting and be applied over the columns like a shield, thus reducing the spaces available for parked cars.

With DowAksa CarbonWrap®, the columns were simply wrapped, preventing further crack growth. This solution was not only inexpensive, but also aesthetically non-invasive, thereby maintaining the looks of the original garage.



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